

## CLAIMS

1. A method for delivering information within a computing environment, comprising:

- a) extracting information from an information source;
- b) transforming the extracted information;
- c) wrapping the transformed information into a message envelope having a standard format;
- d) routing the message envelope to at least one information target;
- e) unwrapping the message envelope to reveal the information received;
- f) mapping the received information to a format required by the information target;
- g) transforming the received information; and
- h) loading the received information into the information target,

wherein the extraction, transformation, and adaptation steps (a)-(c), respectively, are isolated from the routing step (d) such that the extraction, transformation, and adaptation steps may be executed simultaneously for a plurality of information sources distributed across the computing environment to produce a plurality of message envelopes and wherein the routing, unwrapping, mapping, transformation, and loading steps (d)-(h), respectively, are repeated for each of the plurality of message envelopes.

2. The method of claim 1 wherein the information is pulled from the source during the extracting step (a).

3. The method of claim 1 wherein the information is pushed from the source during the extracting step (a).

4. The method of claim 1 wherein the information extracted during step (a) comprises content changes to the source information at the time step (a) is performed as compared to the source information at a previous point in time.

5. The method of claim 1 wherein transforming the extracted information during step (b) further comprising applying one or more business rules to modify the extracted information.

6. The method of claim 1 wherein the message envelope further comprises an identification of the information source, a content definition identification [need to define in specification] and the content of the transformed information.

7. The method of claim 6 wherein the content definition identification is used to retrieve the content definition [need to define in the specification] from a metadata repository.

8. The method of claim 6 wherein wrapping the message envelope further comprising retrieving content definition from a metadata repository and applying the content definition to the transformed information to produce a message envelope.

9. The method of claim 6 further comprising placing the message envelope into an inbox queue to a router component for routing according to step (d).

10. The method of claim 9 wherein the information sources publish the message envelope to the inbox queue and the router component subscribes to the inbox queue.

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11. The method of claim 10 further comprising retrieving the message envelope from the inbox queue, looking up the address of the information target in a cross-reference table, and transmitting the message envelope to the information target.

12. The method of claim 11 wherein looking up the address of the information target is cross-referenced by the identity of the information source.

13. The method of claim 12 wherein the cross-reference table resides in local memory within the router component.

14. The method of claim 11 wherein transmitting the message envelope comprises placing the message envelope into an information target queue.

15. The method of claim 14 wherein the router component publishes the message envelope to the outbox queue and the information target subscribes to the outbox queue.

16. The method of claim 15 wherein the message envelope is retrieved from the outbox queue prior to unwrapping the message envelope.

17. The method of claim 8 wherein unwrapping the message envelope further comprising retrieving content definition from the metadata repository and applying the content definition to the message envelope to reveal the transformed information.

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6 18. The method of claim 1 further comprising after unwrapping the message envelope,  
7 filtering the transformed information prior to loading the transformed information.

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9 19. The method of claim 1 further comprising after unwrapping the message  
10 envelope, aggregating a plurality of transformed information and loading the aggregation of  
11 transformed information into the information target as a batch.

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13 20. The method of claim 1 wherein the information target comprises a data warehouse and a  
14 data mart.

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16 21. The method of claim 1 wherein the process is executed on a plurality of computing  
17 platforms within the computing environment.

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19 22. The method of claim 21 wherein the plurality of computing platforms comprise  
20 information domains for an enterprise.

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6 23. A method for delivering information within a computing environment, comprising:

7 a) extracting information from an information source;

8 b) transforming the extracted information;

9 c) isolating the transformed information by wrapping the transformed information  
10 into a message envelope having a standard format;

11 d) routing the message envelope to at least one information target;

12 e) unwrapping the message envelope to reveal the transformed information; and

13 f) loading the transformed information into the information target.

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